

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
18 December 2003 (18.12.2003)

PCT

(10) International Publication Number
WO 03/105486 A1

(51) International Patent Classification⁷: **H04N 9/31**

(21) International Application Number: **PCT/IB03/02365**

(22) International Filing Date: **30 May 2003 (30.05.2003)**

(25) Filing Language: **English**

(26) Publication Language: **English**

(30) Priority Data:
02100685.3 **10 June 2002 (10.06.2002)** **EP**

(71) Applicant (for all designated States except US): **KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL];**
Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **DEHLINK, Alois**
[AT/AT]; Triester Strasse 64, A-A 1101 Vienna (AT).
PROCHASKA, Philipp [AT/AT]; Triester Strasse 64,
A-A 1101 Vienna (AT). STOCKINGER, Christian
[AT/AT]; Triester Strasse 64, A-A 1101 Vienna (AT).

(74) Agent: **RÖGGLA, Harald; Philips Intellectual Property**
& Standards, Triester Strasse 64, A-A 1101 Vienna (AT).

(81) Designated States (national): **AE, AG, AL, AM, AT, AU,**
AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU,
CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH,
GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC,
LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW,
MX, MZ, NI, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD,
SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US,
UZ, VC, VN, YU, ZA, ZM, ZW.

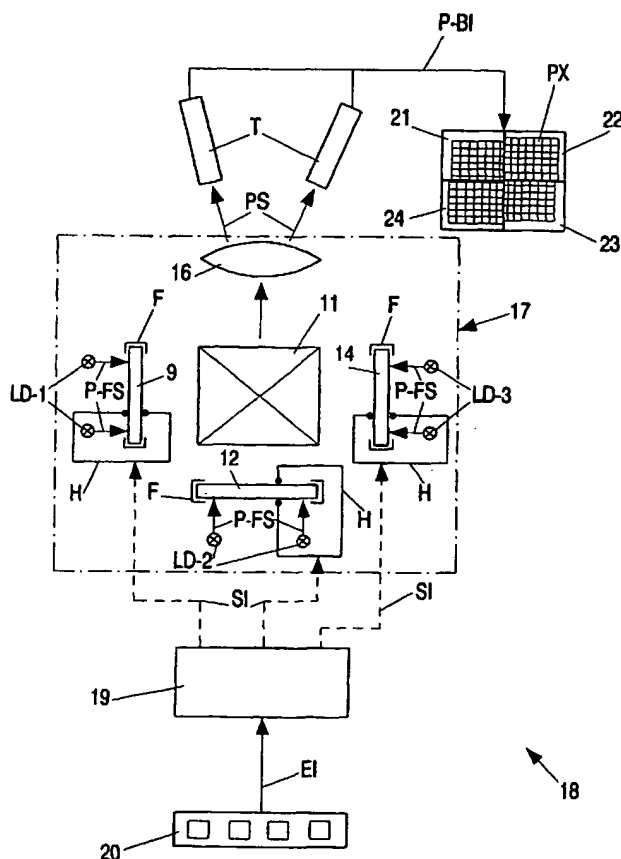
(84) Designated States (regional): **ARIPO patent (GH, GM,**
KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW),
Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),
European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE,
ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO,
SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM,
GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

— with international search report

[Continued on next page]

(54) Title: **DEVICE TO POSITION LIQUID CRYSTAL PANELS IN A COLOR LIQUID CRYSTAL PROJECTOR**



(57) Abstract: In a positioning device (18) to position displays (9, 12, 14) of a projector (1), test image information (P-BI) is obtained by means of four telescopes (T), the information being evaluated manually by an operator or also automatically by feedback control means for the positioning of the displays (9, 12, 14).